

What Is Claimed Is:

1. A tilt steering apparatus for a vehicle, comprising:
 - a lower steering shaft of which low end being mounted with a steering gear;
 - 5 an upper steering shaft of which top end being mounted with a steering wheel;
 - a universal joint for jointing a top end of the lower steering shaft with a low end of the upper steering shaft;
 - a lower column member fixed to a vehicle body for supporting the lower
 - 10 steering shaft to be movable;
 - an upper column member for supporting the upper steering shaft to be movable; and
 - a tilt lock mechanism for tilt locking the upper column member to the lower column member, wherein the tilt lock mechanism is comprised of:
 - 15 a fixed gear attached to the lower column member;
 - a movable gear attached to the upper column member in such a manner to be movable;
 - a female screw attached to the upper column member;
 - a feed screw bar locked to the female screw for tooth-locking the movable
 - 20 gear to the fixed gear by pressing the movable gear; and
 - an operating member for rotating the feed screw bar.

2. The apparatus according to claim 1, wherein the movable gear is comprised of a concave groove and an opening portion whose width is smaller than
- 25 that of the concave groove, being interconnected with the concave groove; and the

feed screw bar is comprised of a flange to be inserted in the concave groove, and a connecting portion for connecting the flange to the feed screw bar while being disposed at the opening portion.

5 3. The apparatus according to claim 1 or claim 2, wherein the operating member is comprised of a tilt lever attached to the upper column member in such a manner to be movable, a driving gear attached to one end of the tilt lever, and a driven gear fixed to the feed screw bar, being toothed to the driving gear.

10 4. The apparatus according to claim 3, further comprising:
a torsion coil spring, of which one end being attached to the upper column member and the other being attached to the tilt lever.

 5. A tilt steering apparatus for vehicle, comprising:
15 a lower steering shaft of which low end being mounted with a steering gear;
an upper steering shaft of which top end being mounted with a steering wheel;

 a universal joint for jointing a top end of the lower steering shaft with a low end of the upper steering shaft;

20 a lower column member fixed to a vehicle body for supporting the lower steering shaft to be movable;

 an upper column member for supporting the upper steering shaft to be movable; and

 a tilt lock mechanism for tilt locking the upper column member to the lower
25 column member, wherein the tilt lock mechanism is comprised of:

a fixed gear attached to the upper column member;
a movable gear attached to the lower column member in such a manner to be movable;
a female screw attached to the lower column member;
5 a feed screw bar locked to the female screw for tooth-locking the movable gear to the fixed gear by pressing the movable gear; and
an operating member for rotating the feed screw bar.

6. The apparatus according to claim 5, wherein the movable gear is
10 comprised of a concave groove and an opening portion whose width is smaller than that of the concave groove, being interconnected with the concave groove; and the feed screw bar is comprised of a flange to be inserted in the concave groove, and a connecting portion for connecting the flange to the feed screw bar while being disposed at the opening portion.

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